

ANSWERS

1. $t = \frac{d}{v}$

2. $E = \frac{FR^2}{m_1 m_2}$

3. $r = \frac{Gm}{v^2}$

4. $\frac{2s_2 - 2s_1}{v_2 - v_1} = t$

5. $x = 12$

6. $y = \frac{57}{15}$

7. $r = \frac{abc}{4A}$

8. $q = \frac{rP}{p-r}$

9. $C = \frac{AD}{B}$

10. $m = \frac{E}{a}$

11. $S = \frac{RQ}{P}$

12. $r = \frac{qP}{p+q}$

13. $b = 2A - L$

14. $t = \frac{W}{P}$

15. $Q = \frac{VR_1 R_2}{R_2 - R_1}$

16. $e = \frac{Ec}{R+r}$

17. $a = \frac{bt}{b-t}$

18. $P = \frac{UT}{F} + TE$

19. $C = \sqrt{E/m}$

20. $B = \frac{S-F}{2}$

21. $W = \frac{P-2L}{2}$

22. $h = \frac{3V}{\pi R^2}$

23. $r = \sqrt{A/\pi}$

24. $A = \frac{P-D}{F}$

25. $b = y - mx$

26. $r = \frac{C}{A} - 2w$

27. $m_2 = \frac{FR^2}{Gm_1}$

28. $I = \sqrt{\frac{E}{RT}}$

29. $v_2 = \frac{(P_1 + P_2)}{FA} - v_1$

30. $R = \sqrt[3]{\frac{3V}{4\pi}}$

31. $P = I/RT$

32. $x = \sqrt[3]{\frac{A}{P}} - 1$

33. $D = P - AF$

34. $x = \sqrt{\frac{y-8}{10}}$

35. $a = \frac{y-c}{x^2}$

36. $b = \frac{3c+ax-y}{a}$

37. $P = w/m^2$

38. $W = pm^2$

39. $\frac{mx+3c-5w}{10} = P$

40. $V = u + At$

41. $l = gT/4\pi^2$

42. $R = \sqrt{A/\pi}$

43. $F = \frac{P-D}{A}$

44. $R = \frac{A-P}{P}$

45. $n = \frac{1}{2}$

46. $x = \frac{8-12y}{12}$

47. $x = -200/55$

48. $d_i = d_o f / (d_o - f)$

49. $R = 6$

50. $V = \frac{2D - AT^2}{2T}$